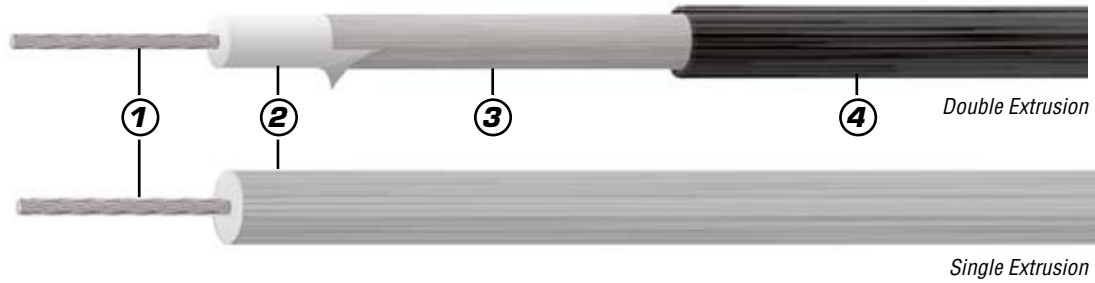


Delivering the **SPARK** that Moves the World

Ignition Cable with Copper Core **ISO 3808:2002 & SAE J2031 CLASS D**



① **Copper Core**

- 16 gauge (19 strands of 29 gauge) stranded tinned copper

② **Insulation**

- Ethylene Propylene Diene Monomer (EPDM)
- *Alternative: Ethylene Propylene Diene Monomer/ Silicone Blend (EPS) (Single Extrusion Only)*

③ **Separator (Double Extrusion Only)**

- Nylon Reinforcement Tape applied between Insulation and Jacket
- *Alternative(s): 1) Fiberglass Braid applied between Insulation and Jacket*
2) No Separator

④ **Jacket (Double Extrusion Only)**

- Ethylene Propylene Diene Monomer (EPDM)
- *Alternative(s): 1) Ethylene Vinyl Acetate (EVA)*
2) Ethylene Propylene Diene Monomer/ Silicone Blend (EPS)

Performance Characteristics

- Operating Temperature Range: -30°C to 180°C (-22°F to 356°F)
- Nylon Reinforcement Tape offers superior terminal retention characteristics

Industry Standards

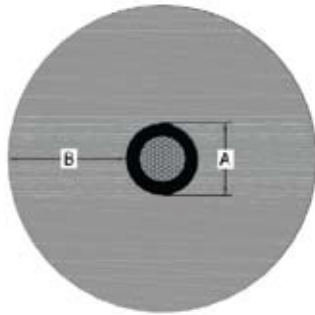
- ISO 3808:2002, Class D, Type 1*
- SAE J2031, Class D, Type 1*
- RoHS 2002/95/EC

**Except Resistance to Flame Propagation and Resistance to Oil Tests on EPDM and EPS – Jacketed Constructions*

Form of Delivery

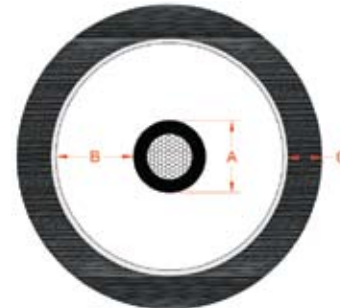
- Non-returnable plywood reels

Ignition Cable with Copper Core ISO 3808:2002 & SAE J2031 CLASS D



Single Extrusion

Cross-Sectional Views



Double Extrusion

PRODUCT SPECIFICATIONS						
COPPER CORE		CABLE				
Dimension "A"	Resistance @ 20°C (68°F) kΩ/ft (kΩ/m)	Dimension "B"	Dimension "C"	Min. Concentricity	Overall Diameter mm (in)	Strip Force 2" (51mm) lbs (N)
Diameter in (mm)		Insulation Min. Wall Thickness in (mm)	Jacket Min. Wall Thickness in (mm)			
Double Extrusion						
.058 (1.5)	N/A	.06 (1.5)	.04 (1.0)	70%	7 ± 0.3 (0.276 ± 0.012)	5 - 15 (22 - 67)
Single Extrusion						
.058 (1.5)	N/A	.1 (2.5)	N/A	70%	7 ± 0.3 (0.276 ± 0.012)	5 - 15 (22 - 67)

Catalog Number	Wire Construction	Outer Jacket	Separator	Inner Insulation	Wire Size (mm)
71100	Single Extrusion (EPDM)	None	None	EPDM	7.0
71200	Single Extrusion (EPS)	None	None	EPS	7.0
71101	Double Extrusion (EVA/EPDM)	EPDM	None	EPDM	7.0
71102	Double Extrusion (EPS/EPDM)	EPS	None	EPDM	7.0
71111	Double Extrusion (EVA/EPDM)	EPDM	Nylon Tape	EPDM	7.0
71112	Double Extrusion (EPS/EPDM)	EPS	Nylon Tape	EPDM	7.0
71121	Double Extrusion (EPDM/EPDM)	EPDM	Fiberglass Braid	EPDM	7.0
71122	Double Extrusion (EVA/EPDM)	EPS	Fiberglass Braid	EPDM	7.0
71104	Double Extrusion (EVA/EPDM)	EVA	None	EPDM	7.0
71114	Double Extrusion (EVA/EPDM)	EVA	Nylon Tape	EPDM	7.0
71124	Double Extrusion (EVA/EPDM)	EVA	Fiberglass Braid	EPDM	7.0



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